

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : Ronald A. Katz
SERIAL NO. : 07/803,264
FILED : December 3, 1991
FOR : TELEPHONIC-INTERFACE
STATISTICAL ANALYSIS
SYSTEM
DOCKET NO. : 4646-101NB

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) Examiner:
)

) Art Unit: 2601
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R. Logan

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VP

SUPPLEMENTAL PRELIMINARY AMENDMENT

February 28, 1992

707 Wilshire Blvd., Suite 3200
Los Angeles, CA 90017

Commissioner of Patents
and Trademarks
Washington, D. C. 20231

Sir:

Prior to examination, please further amend as follows the above-identified patent application which is a divisional (inadvertently referred to as a continuation in the preliminary amendment filed on December 3, 1991) of Application Serial No. 07/640,337 filed on January 11, 1991:

IN THE CLAIMS:

Please amend Claims 29, 31, 38 and new Claims 53-60.

- 1 Sub E1
2 29. (Amended) An analysis control system for use
3 with a communication facility including remote terminal
4 apparatus for individual callers, wherein said remote terminal

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1 102

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4 apparatus may comprise a conventional telephone instrument
5 including voice communication means and digital input means in
6 the form of an array of alphabetic numeric buttons for
7 providing data, said analysis control system comprising:

8 interface structure selectively coupled to said
9 communication facility to interface said terminal apparatus
10 for voice and digital communication and including means to
11 provide signals representative of data developed by said
12 terminal apparatus;

13 voice generator structure selectively coupled
14 through said interface structure to said terminal apparatus
15 for providing vocal operating instructions to individual ones
16 of said callers;

17 record memory means connected to said interface
18 structure for initiating a file and storing data relating to
19 certain select ones of said individual callers including data
20 developed by said terminal apparatus;

21 designation structure means selectively coupled to
22 said interface structure and said record memory means for
23 assigning individual designations to callers and storing said
24 designations in said record structure; and

25 analysis structure connected to said record memory
26 means for processing said data relating to certain select ones
27 of said individual callers to isolate a subset of said
28 callers. *h*

C2 1 3 ~~431~~². (Amended) An analysis control system
2 according to claim ~~30~~² further including a random number
3 generator to isolate [a] said subset. ✓

Sub
D2
E2
C3
cont'd
1 ~~438~~. (Amended) An analysis control system for use
2 with a communication facility including remote terminal
3 apparatus for individual callers, wherein said remote terminal
4 apparatus may comprise a conventional telephone instrument
5 including voice communication means and digital input means in
6 the form of an array of alphabetic numeric buttons for
7 providing data, said analysis control system comprising:
8 interface structure selectively coupled to said
9 communication facility to interface said terminal apparatus
10 for voice and digital communication and including means to
11 provide signals representative of data developed by said
12 terminal apparatus;
13 voice generator structure selectively coupled
14 through said interface structure to said terminal apparatus
15 for providing vocal operating instructions to individual ones
16 of said callers;
17 record memory means selectively connected to said
18 interface structure for initiating a file and storing data
19 relating to certain select ones of said individual callers
20 including data developed by said terminal apparatus;
21 designation structure means selectively coupled to
22 said interface structure and said record memory means for

C3
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23 assigning individual [~~designations~~] designation data to
24 substantially all callers and storing said [~~designations~~]
25 designation data in said record structure;
26 analysis structure connected to said record memory
27 means for processing said data relating to certain select ones
28 of said individual callers to ~~isolate~~ a subset of said
29 callers; and
30 qualification structure for qualifying the operation
31 of said analysis structure under control of said signals
32 representative of data developed by said terminal apparatus.--

Please add new Claims 53-60.

1 20 ~~453~~. An analysis control system according to Claim
2 6 ~~34~~ wherein a select subset is isolated in accordance with said
3 caller significance. ~~60~~

C4
10nt-d

1 21 ~~454~~. An analysis control system according to Claim
2 10 ~~38~~ wherein said qualification structure further limits callers
3 to a one time use of said analysis control system. ~~60~~

1 Sub ~~3~~ ~~455~~. An analysis control system for use with a
2 communication facility including remote terminals for
3 E5 individual callers, wherein each of said remote terminals may
4 comprise a conventional telephone instrument including voice
5 communication means and digital input means in the form of an
6 array of alphabetic numeric buttons for providing data and

7 wherein said communication facility has a capability to
8 provide terminal digital data, for example, indicating the
9 calling number, said analysis control system comprising:
10 interface structure coupled to said communication
11 facility to interface said terminals for voice and digital
12 communication and including means to provide caller data
13 signals representative of data relating to said callers
14 developed by said terminals and said terminal digital data;
15 analysis structure for processing said caller data
16 signals representative of data relating to said callers from
17 said digital input means; and
18 control structure for controlling said analysis
19 structure in accordance with said terminal digital data. ~~64~~

C4
10/1/70
23 ~~56~~. A system according to claim ²²~~55~~ further
2 including voice generator structure coupled through said
3 interface structure for actuating said terminals as to provide
4 vocal operating instructions to said individual callers. ~~64~~

⁶⁴ Sub ~~E6~~ ~~57~~. A system according to claim 55 wherein said
2 analysis structure includes means for initiating a file and
3 storing data relating to specific of said callers and whereby
4 said control structure controls access by said specific caller
5 to said analysis structure. ~~64~~

²⁵
1 ~~58~~. A system according to claim ²²~~55~~ further

2 including record structure connected to said interface
3 structure to receive said terminal digital data to control
4 access by callers to said analysis structure.

Sub E7 D4
1 459. An analysis control system for use with a
2 communication facility including remote terminals for
3 individual callers, wherein each of said remote terminals may
4 comprise a conventional telephone instrument including voice
5 communication means and digital input means in the form of an
6 array of alphabetic numeric buttons for providing data, said
7 analysis control system comprising:

8 interface structure coupled to said communication
9 facility to interface said terminals for voice and digital
10 communication and including means to provide signals
11 representative of data developed by said terminals;

12 voice generator structure coupled through said
13 interface structure for actuating said terminals as to provide
14 vocal operating instructions to a specific one of said
15 individual callers;

16 record means, including memory and control means,
17 connected to said interface structure for initiating a file
18 and storing data relating to certain select ones of said
19 individual callers; and

20 designation means coupled to said interface
21 structure and said record means for assigning individual
22 designations to callers and storing said designations in said

23 record means, said designation means including means for
24 storing representations of the telephone number of each of the
25 terminals used by said one of said callers and wherein said
26 signals representative of data developed by said terminals
27 include signals representative of a number designating a
28 particular remote terminal apparatus and provided directly by
29 said communication facility as a result of a call.

Sub E8
C4
cont'd

1 ~~4460.~~ An analysis control system for use with a
2 communication facility including remote terminals for
3 individual callers, wherein each of said remote terminals may
4 comprise a conventional telephone instrument including voice
5 communication means and digital input means in the form of an
6 array of alphabetic numeric buttons for providing data, said
7 analysis control system comprising:
8 interface structure coupled to said communication
9 facility to interface said terminals for voice and digital
10 communication and including means to provide caller data
11 signals representative of data relating to said callers
12 developed by said terminals;
13 voice generator structure coupled through said
14 interface structure for actuating said terminals as to provide
15 vocal operating instructions to an individual one of said
16 callers;
17 record means, including memory and control means,
18 connected to receive said caller data signals from said

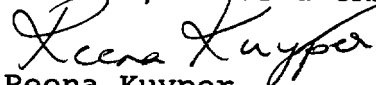
19 interface structure for initiating a file and storing caller
20 data relating to certain select ones of said individual
21 callers;
22 designation structure means coupled to said
23 interface structure and said record means for assigning
24 individual designations to callers and storing said designa-
25 tions in said record means; and
26 acknowledgement structure whereby a caller confirms
27 an assigned individual designation.

REMARKS

Claims 29-52 are pending in the case. By this amendment, Claims 29 and 38 have been amended to more clearly define the invention and Claims 53-60 have been introduced. Claims 53-54 are directed to additional features of the invention. Claims 55-60 correspond to Claims 42-45 and 90-91, respectively, in co-pending parent application U.S. Serial No. 07/335,923, which have been amended to overcome the 35 U.S.C. § 112 rejections indicated by the Examiner in the parent case. Applicant intends to cancel Claims 42-45 and 90-91, respectively, in U.S. Serial No. 07/335,923 at the appropriate time. New Claims 55-60 have been amended to recite consistent terminology, for example, plural remote terminals and plural individual callers in the preambles of the respective claims as well as the bodies thereof. In addition, the Examiner's rejection with regard to the terms "directly" and "direct" has

been addressed by amending the concerned claims to recite that the communication facility --has a capability to provide terminal digital data, for example, indicating the calling number--, thereby deleting the terms "directly" and "direct." Support for this recitation may be found on page 8, lines 32-35 and page 9, lines 1-2. Applicant respectfully requests examination and allowance of Claims 29-60.

Respectfully submitted,
NILSSON, WURST & GREEN


Reena Kuyper
Registration No. 33,830

Docket No. 4646-101NB
(213) 243-8000

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EXAMINER: Brown
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February 28, 1992
707 Wilshire Blvd. - 32nd Floor
Los Angeles, CA 90017

Commissioner of Patents
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Washington, D.C. 20231

Sir:

Transmitted herewith is a Supplemental Preliminary
Amendment for this application. Additionally, Applicant is
submitting herewith a Terminal Disclaimer To Obviate A Double
Patenting Rejection.

The fee for claims has been calculated as shown:

	Claims Remaining After Amendment	Highest Number Previously Paid For		Extra Present	Rate		Additional Fee
					Small Entity	Large Entity	
Total	32	- 20	=	12	x 10	x 20	= \$ 240.00
Indep.	10	- 7	=	3	x 36	x 72	= \$ 216.00
1st presentation of multiple dep. claim + 110 + 220 = \$ _____							

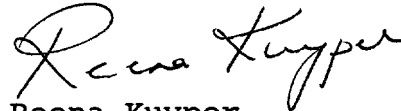
Total additional fee

\$ 456.00

A check in the amount of \$456.00 is enclosed herewith to cover the fees. As indicated in the Terminal Disclaimer To Obviate A Double Patenting Rejection, please charge Deposit Account 14-1105 the filing fee of \$110.00.

Please charge any other fees in connection with this communication, including any filing fees under 37 CFR 1.16 for the presentation of extra claims and any patent application processing fees under 37 CFR 1.17, or credit any overpayment, to Deposit Account 14-1105. A copy of this transmittal letter is enclosed for that purpose.

Respectfully submitted,
NILSSON, WURST & GREEN



Reena Kuyper
Registration No. 33,830

Docket No. 4646-101NB
(213) 243-8000